



Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.:09/104,340 Atty. Docket: FISHR11.001AUS

1/9

ATG	GAT	TGT	CAG	CTC											
Met	Asp	Cys	Gln	Leu											
1				5											
TCC	ATC	CTC	CTC	CTT	CTC	AGC	TGC	TCT	GTT	CTC	GAC	AGC	TTC	GGG	GAA
Ser	Ile	Leu	Leu	Leu	Ser	Cys	Ser	Val	Leu	Asp	Ser	Phe	Gly	Glu	
10								15						20	
CTG	ATT	CCG	CAG	CCT	TCC	AAT	GAA	GTC	AAT	CTA	CTG	GAT	TCA	AAA	ACA
Leu	Ile	Pro	Gln	Pro	Ser	Asn	Glu	Val	Asn	Leu	Leu	Asp	Ser	Lys	Thr
25								30						35	
ATT	CAA	GGG	GAG	CTG	GGC	TGG	ATC	TCT	TAT	CCA	TCA	CAT	GGG	TGG	GAA
Ile	Gln	Gly	Glu	Leu	Gly	Trp	Ile	Ser	Tyr	Pro	Ser	His	Gly	Trp	Glu
40								45						50	
GAG	ATC	AGT	GGT	GTG	GAT	GAA	CAT	TAC	ACA	CCC	ATC	AGG	ACT	TAC	CAG
Glu	Ile	Ser	Gly	Val	Asp	Glu	His	Tyr	Thr	Pro	Ile	Arg	Thr	Tyr	Gln
55							60						65		
GTG	TGC	AAT	GTC	ATG	GAC	CAC	AGT	CAA	AAC	AAT	TGG	CTG	AGA	ACA	AAC
Val	Cys	Asn	Val	Met	Asp	His	Ser	Gln	Asn	Asn	Trp	Leu	Arg	Thr	Asn
70							75						80		85
TGG	GTC	CCC	AGG	AAC	TCA	GCT	CAG	AAG	ATT	TAT	GTG	GAG	CTC	AAG	TTC
Trp	Val	Pro	Arg	Asn	Ser	Ala	Gln	Lys	Ile	Tyr	Val	Glu	Leu	Lys	Phe
90								95						100	
ACT	CTA	CGA	GAC	TGC	AAT	AGC	ATT	CCA	TTG	GTT	TTA	GGG	ACT	TGC	AAG
Thr	Leu	Arg	Asp	Cys	Asn	Ser	Ile	Pro	Leu	Val	Leu	Gly	Thr	Cys	Lys
105								110						115	
GAG	ACA	TTC	AAC	CTG	TAC	TAC	ATG	GAG	TCT	GAT	GAT	CAT	GGG	GTG	
Glu	Thr	Phe	Asn	Leu	Tyr	Tyr	Met	Glu	Ser	Asp	Asp	Asp	Asp	His	Gly
120							125						130		
AAA	TTT	CGA	GAG	CAT	CAG	TTT	ACA	AAG	ATT	GAC	ACC	ATT	GCA	GCT	GAT
Lys	Phe	Arg	Glu	His	Gln	Phe	Thr	Lys	Ile	Asp	Thr	Ile	Ala	Ala	Asp
135							140						145		
GAA	AGT	TTC	ACT	CAA	ATG	GAT	CTT	GGG	GAC	CGT	ATT	CTG	AAG	CTC	AAC
Glu	Ser	Phe	Thr	Gln	Met	Asp	Leu	Gly	Asp	Arg	Ile	Leu	Lys	Leu	Asn
150							155						160		
ACT	GAG	ATT	AGA	GAA	GTA	GGT	CCT	GTC	AAC	AAG	AAG	GGA	TTT	TAT	TTG
Thr	Glu	Ile	Arg	Glu	Val	Gly	Pro	Val	Asn	Lys	Lys	Gly	Phe	Tyr	Leu
170								175						180	
GCA	TTT	CAA	GAT	GTT	GGT	GCT	TGT	GTT	GCC	TTG	GTG	TCT	GTG	AGA	GTA
Ala	Phe	Gln	Asp	Val	Gly	Ala	Cys	Val	Ala	Leu	Val	Ser	Val	Arg	Val
185								190						195	
TAC	TTC	AAA	AAG	TGC	CCA	TTT	ACA	GTG	AAG	AAT	CTG	GCT	ATG	TTT	CCA
Tyr	Phe	Lys	Lys	Cys	Pro	Phe	Thr	Val	Lys	Asn	Leu	Ala	Met	Phe	Pro
200								205						210	
GAC	ACG	GTA	CCC	ATG	GAC	TCC	CAG	TCC	CTG	GTG	GAG	GTT	AGA	GGG	TCT
Asp	Thr	Val	Pro	Met	Asp	Ser	Gln	Ser	Leu	Val	Glu	Val	Arg	Gly	Ser
215							220						225		
TGT	GTC	AAC	AAT	TCT	AAG	GAG	GAA	GAT	CCT	CCA	AGG	ATG	TAC	TGC	AGT
Cys	Val	Asn	Asn	Ser	Lys	Glu	Glu	Asp	Pro	Pro	Arg	Met	Tyr	Cys	Ser
230							235						240		
ACA	GAA	GGC	GAA	TGG	CTT	GTA	CCC	ATT	GGC	AAG	TGT	TCC	TGC	AAT	GCT
Thr	Glu	Gly	Glu	Trp	Leu	Val	Pro	Ile	Gly	Lys	Cys	Ser	Cys	Asn	Ala
250								255						260	
GGC	TAT	GAA	GAA	AGA	GGT	TTT	ATG	TGC	CAA						
Gly	Tyr	Glu	Glu	Arg	Gly	Phe	Met	Cys	Gln						
265								270							

FIG. 1



Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.:09/104,340 Atty. Docket: FISHR11.001AUS

2/9

FIG. 2A

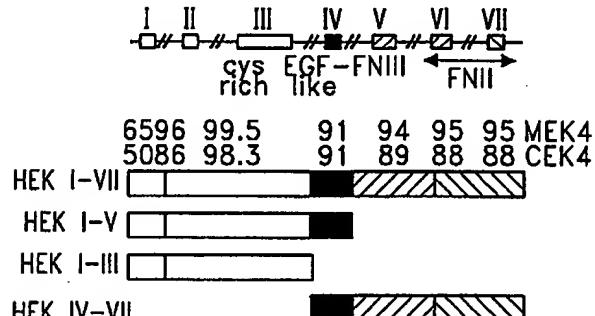


FIG. 2B

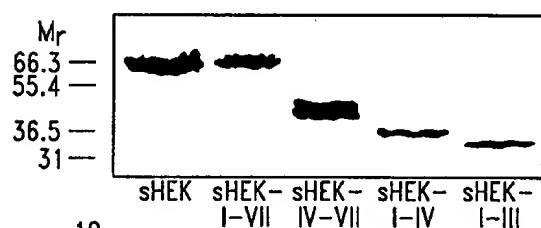


FIG. 2D

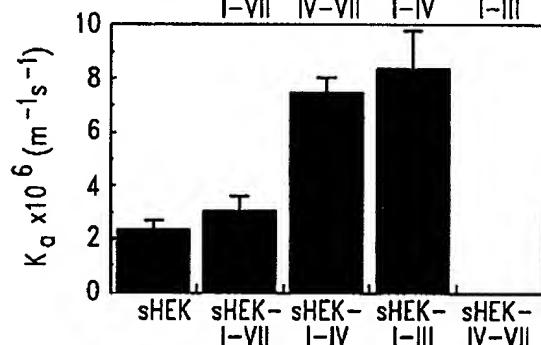


FIG. 2E

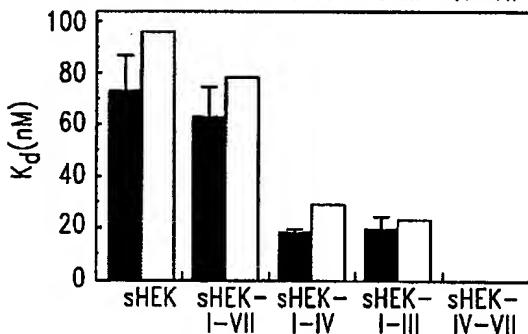
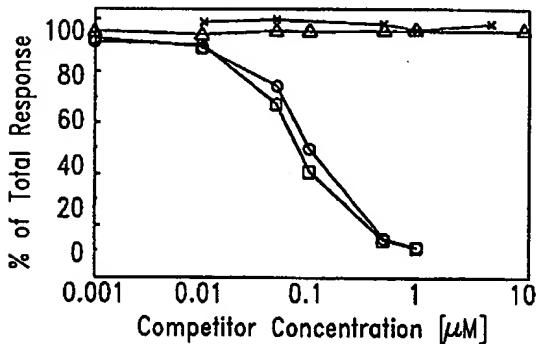


FIG. 2F





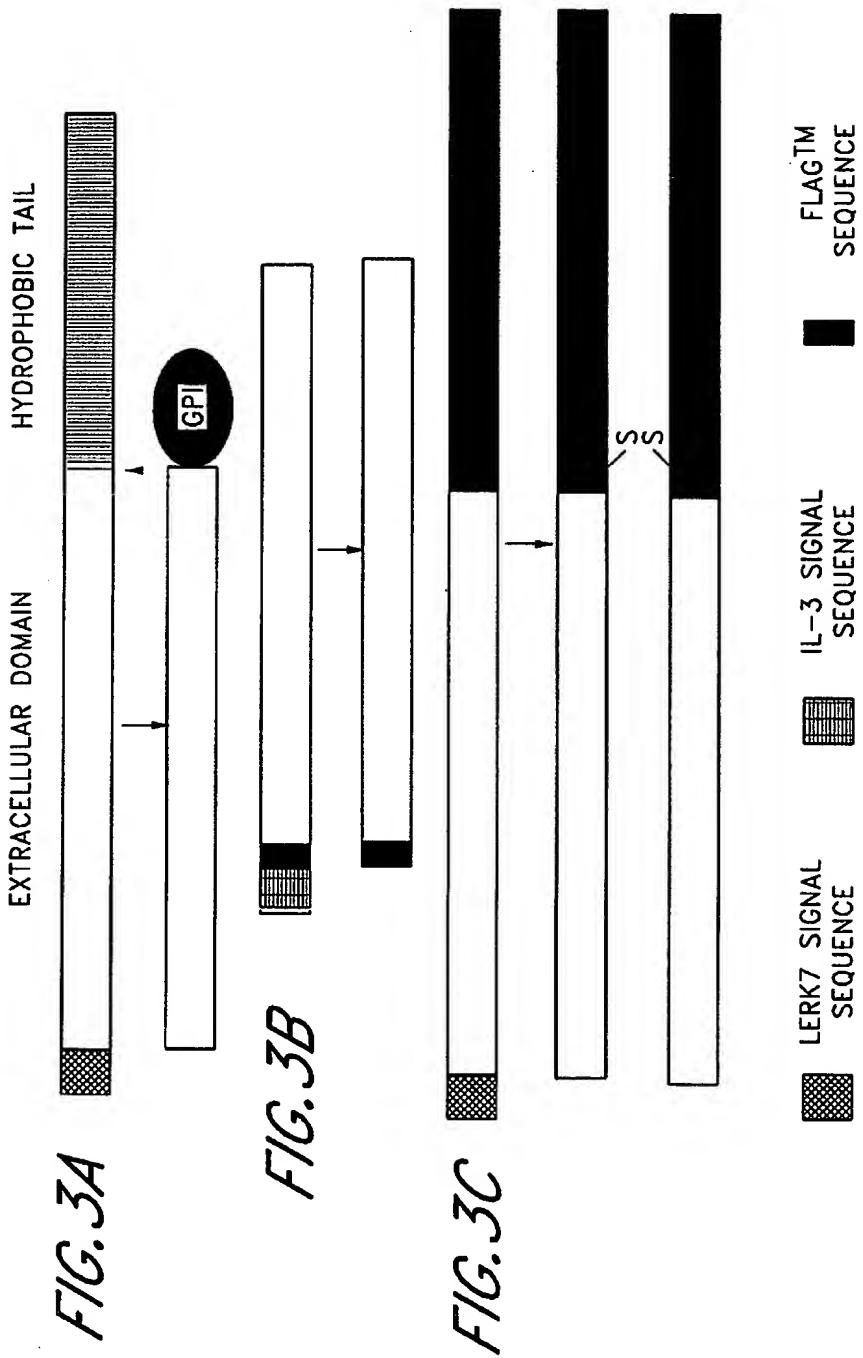
Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.: 09/104,340 Atty. Docket: FISHR11.001AUS

3/9



Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.: 09/104,340 Atty. Docket: FISHR11.001AUS

4/9

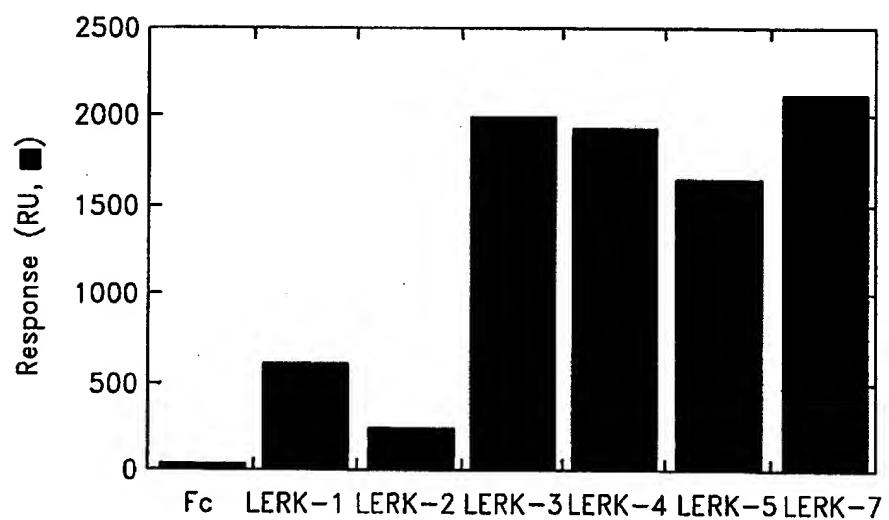


FIG. 4

Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.:09/104,340 Atty. Docket: FISHRII.001AUS

5/9

FIG. 5A

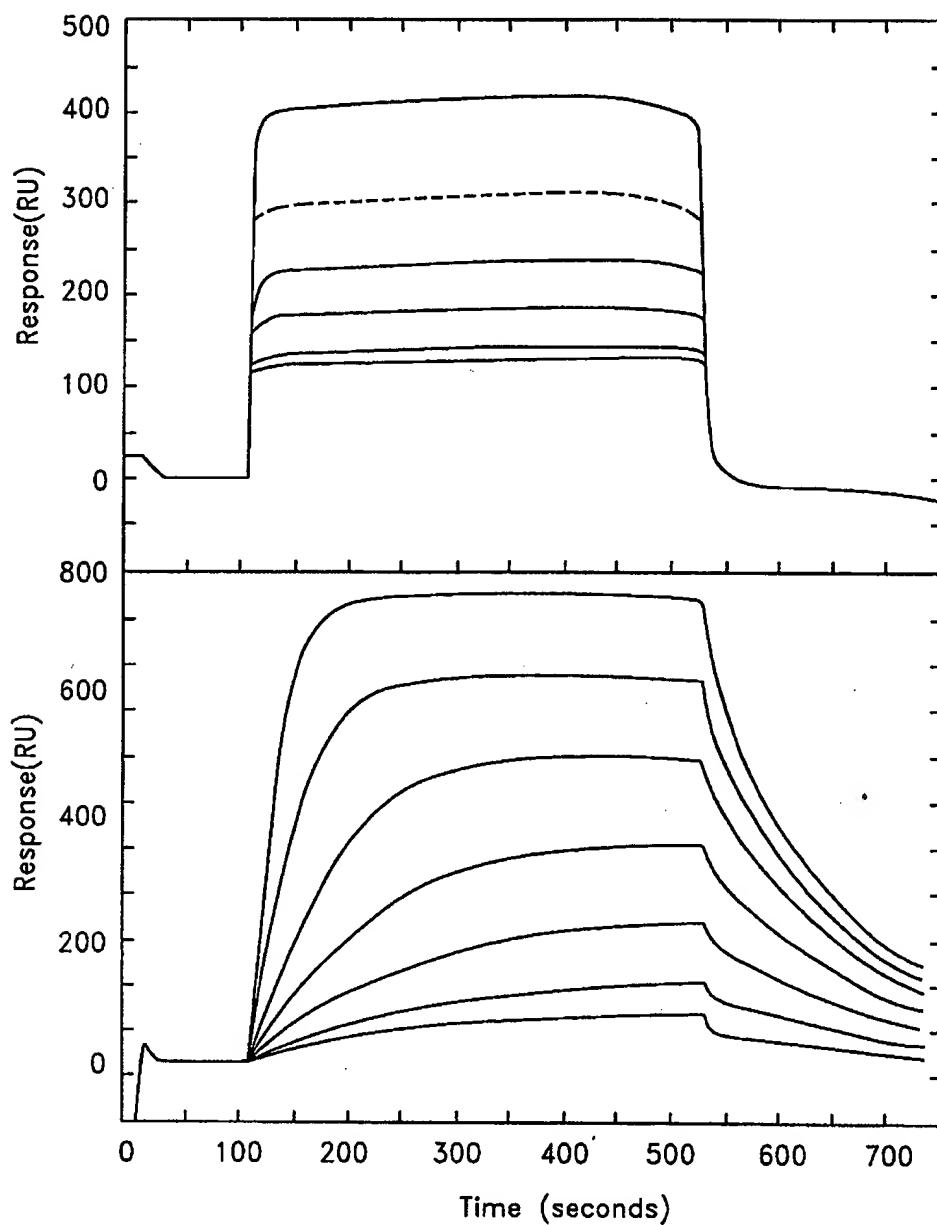


FIG. 5B

Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.: 09/104,340 Atty. Docket: FISHRI 1.001AUS

6/9

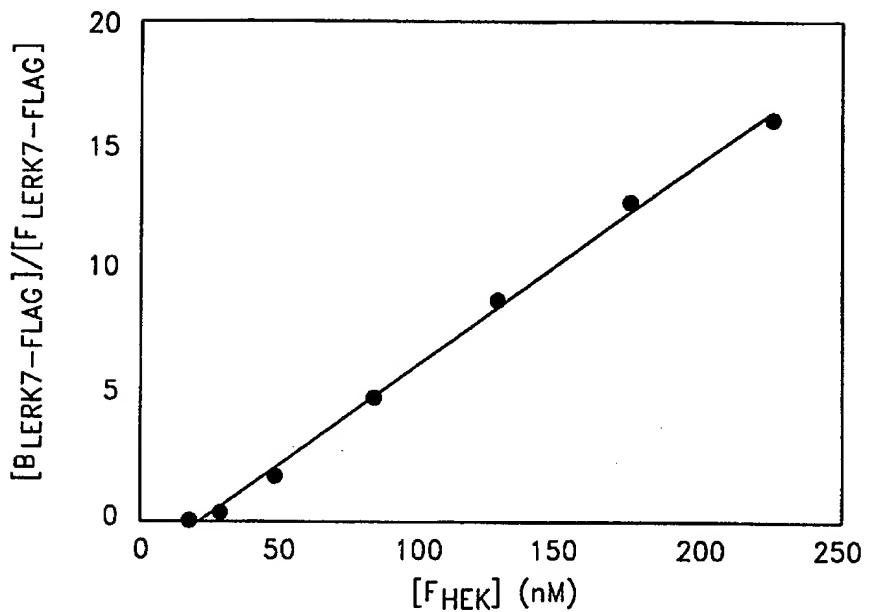
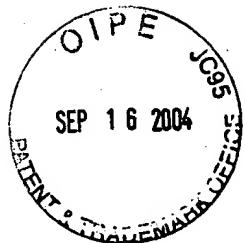


FIG. 5C





Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No. 09/104,340

Atty. Docket: FISHR11.001AUS

7/9

FIG. 6B

FIG. 6D

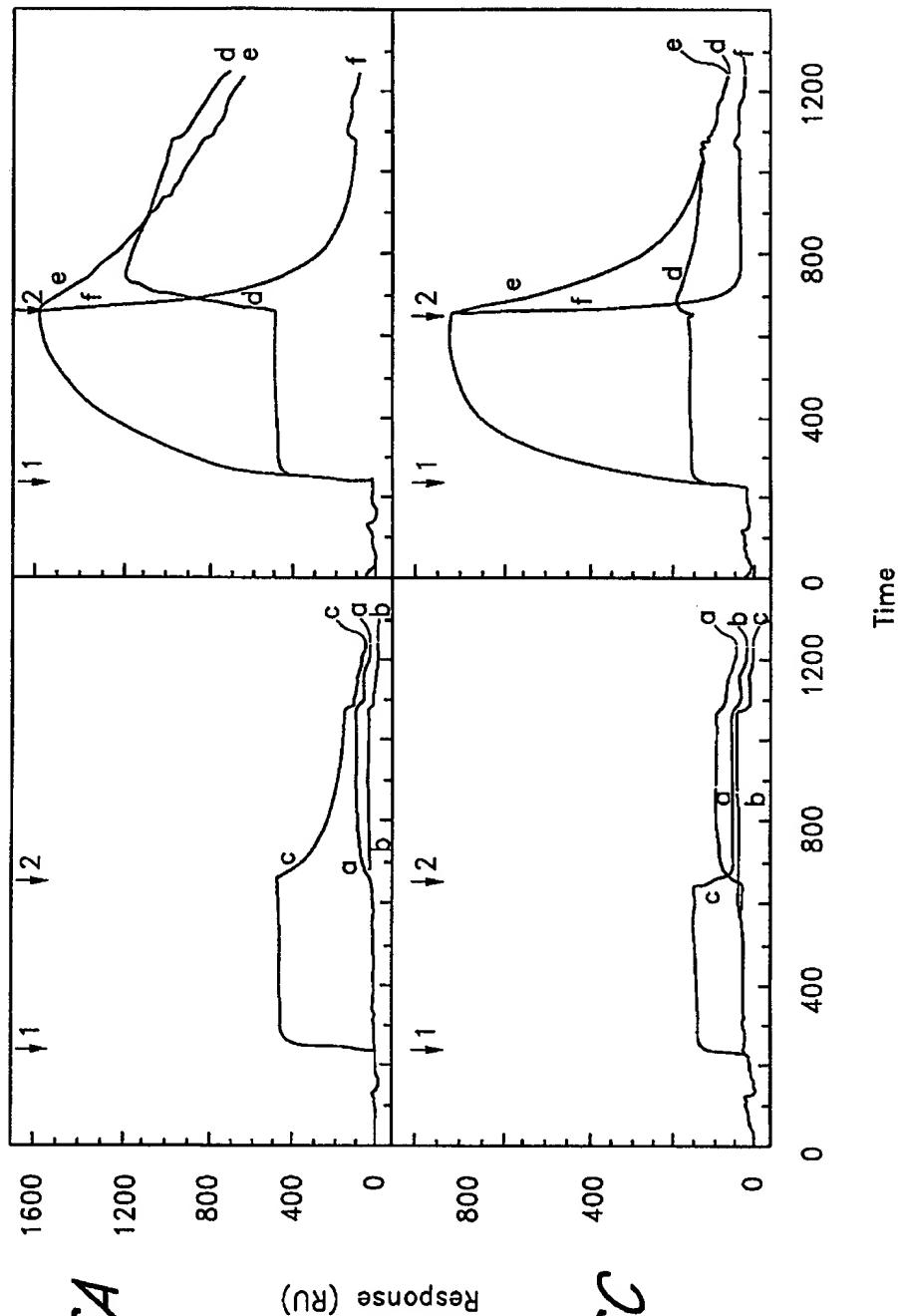


FIG. 6A

FIG. 6C

Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.: 09/104,340 Atty. Docket: FISHR11.001AUS

8/9

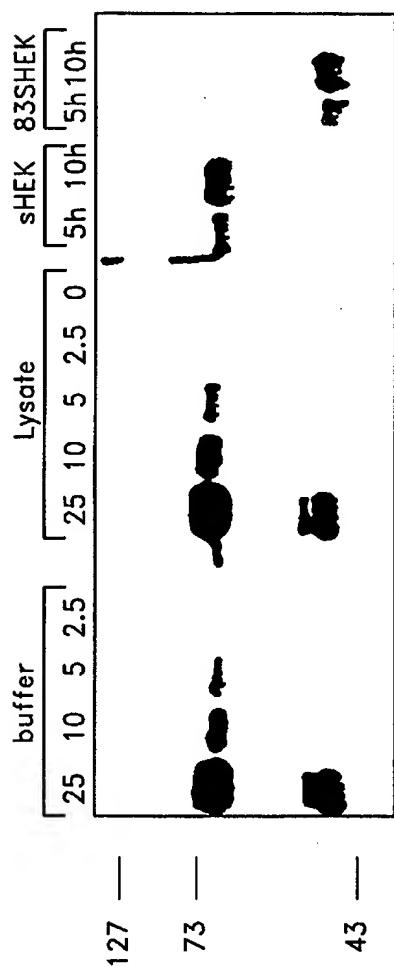


FIG. 7

Replacement Sheet

RECEPTOR-LIGAND SYSTEM AND ASSAY

Boyd, A

Appl. No.: 09/104,340 Atty. Docket: FISHRI 1.001AUS

9/9

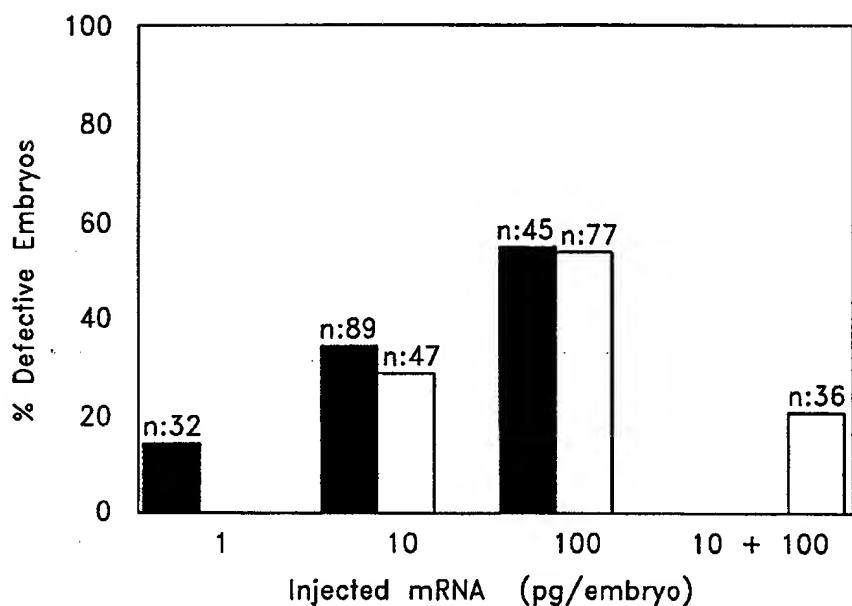


FIG. 8